

#6

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/724,842

DATE: 08/09/2001

TIME: 13:40:34

Input Set : A:\Nchem-11.app

Output Set: N:\CRF3\08092001\I724842.raw

ENTERED

p. 5

3 <110> APPLICANT: Chalifour, Robert  
 4 Hebert, Lise  
 5 Kong, Xianqi  
 6 Gervais, Francine  
 8 <120> TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S  
 9 AND AMYLOID RELATED DISEASES  
 11 <130> FILE REFERENCE: 14445-501  
 13 <140> CURRENT APPLICATION NUMBER: 09/724,842  
 14 <141> CURRENT FILING DATE: 2000-11-28  
 16 <150> PRIOR APPLICATION NUMBER: 60/168,594  
 17 <151> PRIOR FILING DATE: 1999-11-29  
 19 <160> NUMBER OF SEQ ID NOS: 63  
 21 <170> SOFTWARE: PatentIn Ver. 2.1  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 42  
 25 <212> TYPE: PRT  
 26 <213> ORGANISM: Artificial Sequence  
 28 <220> FEATURE:  
 29 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓  
 30 or peptidomimetics  
 32 <400> SEQUENCE: 1  
 33 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys  
 34 1 5 10 15  
 36 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile  
 37 20 25 30  
 39 Gly Leu Met Val Gly Gly Val Val Ile Ala  
 40 35 40  
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 50 or peptidomimetics  
 52 <400> SEQUENCE: 2  
 53 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys  
 54 1 5 10 15  
 56 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile  
 57 20 25 30  
 59 Gly Leu Met Val Gly Gly Val Val  
 60 35 40  
 63 <210> SEQ ID NO: 3  
 64 <211> LENGTH: 35  
 65 <212> TYPE: PRT  
 66 <213> ORGANISM: Artificial Sequence  
 68 <220> FEATURE:  
 69 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓

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70 or peptidomimetics

72 &lt;400&gt; SEQUENCE: 3

73 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys

74 1 5 10 15

76 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile

77 20 25 30

79 Gly Leu Met

80 35

83 &lt;210&gt; SEQ ID NO: 4

84 &lt;211&gt; LENGTH: 28

85 &lt;212&gt; TYPE: PRT

86 &lt;213&gt; ORGANISM: Artificial Sequence

88 &lt;220&gt; FEATURE:

89 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓

90 or peptidomimetics

92 &lt;400&gt; SEQUENCE: 4

93 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys

94 1 5 10 15

96 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys

97 20 25

100 &lt;210&gt; SEQ ID NO: 5

101 &lt;211&gt; LENGTH: 7

102 &lt;212&gt; TYPE: PRT

103 &lt;213&gt; ORGANISM: Artificial Sequence

105 &lt;220&gt; FEATURE:

106 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓

107 or peptidomimetics

109 &lt;400&gt; SEQUENCE: 5

110 Asp Ala Glu Phe Arg His Asp

111 1 5

114 &lt;210&gt; SEQ ID NO: 6

115 &lt;211&gt; LENGTH: 7

116 &lt;212&gt; TYPE: PRT

117 &lt;213&gt; ORGANISM: Artificial Sequence

119 &lt;220&gt; FEATURE:

120 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓

121 or peptidomimetics

123 &lt;400&gt; SEQUENCE: 6

124 Tyr Glu Val His His Gln Lys

125 1 5

128 &lt;210&gt; SEQ ID NO: 7

129 &lt;211&gt; LENGTH: 6

130 &lt;212&gt; TYPE: PRT

131 &lt;213&gt; ORGANISM: Artificial Sequence

133 &lt;220&gt; FEATURE:

134 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓

135 or peptidomimetics

137 &lt;400&gt; SEQUENCE: 7

138 Lys Leu Val Phe Phe Ala

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Input Set : A:\Nchem-11.app

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144 <212> TYPE: PRT  
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147 <220> FEATURE:  
148 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓  
149 or peptidomimetics  
151 <400> SEQUENCE: 8  
152 Val Gly Gly Val Val Ile Ala  
153 1 5  
156 <210> SEQ ID NO: 9  
157 <211> LENGTH: 6  
158 <212> TYPE: PRT  
159 <213> ORGANISM: Artificial Sequence  
161 <220> FEATURE:  
162 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓  
163 or peptidomimetics  
165 <400> SEQUENCE: 9  
166 Lys Ile Val Phe Phe Ala  
167 1 5  
170 <210> SEQ ID NO: 10  
171 <211> LENGTH: 7  
172 <212> TYPE: PRT  
173 <213> ORGANISM: Artificial Sequence  
175 <220> FEATURE:  
176 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓  
177 or peptidomimetics  
179 <400> SEQUENCE: 10  
180 Lys Lys Leu Val Phe Phe Ala  
181 1 5  
184 <210> SEQ ID NO: 11  
185 <211> LENGTH: 6  
186 <212> TYPE: PRT  
187 <213> ORGANISM: Artificial Sequence  
189 <220> FEATURE:  
190 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓  
191 or peptidomimetics  
193 <400> SEQUENCE: 11  
194 Lys Phe Val Phe Phe Ala  
195 1 5  
198 <210> SEQ ID NO: 12  
199 <211> LENGTH: 6  
200 <212> TYPE: PRT  
201 <213> ORGANISM: Artificial Sequence  
203 <220> FEATURE:  
204 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides  
205 or peptidomimetics  
207 <400> SEQUENCE: 12

## RAW SEQUENCE LISTING

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208 Ala Phe Phe Val Leu Lys

209 1 5

212 &lt;210&gt; SEQ ID NO: 13

213 &lt;211&gt; LENGTH: 4

214 &lt;212&gt; TYPE: PRT

215 &lt;213&gt; ORGANISM: Artificial Sequence

217 &lt;220&gt; FEATURE:

218 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓

219 or peptidomimetics

221 &lt;400&gt; SEQUENCE: 13

222 Lys Leu Val Phe

223 1

226 &lt;210&gt; SEQ ID NO: 14

227 &lt;211&gt; LENGTH: 6

228 &lt;212&gt; TYPE: PRT

229 &lt;213&gt; ORGANISM: Artificial Sequence

231 &lt;220&gt; FEATURE:

232 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓

233 or peptidomimetics

235 &lt;400&gt; SEQUENCE: 14

236 Lys Ala Val Phe Phe Ala

237 1 5

240 &lt;210&gt; SEQ ID NO: 15

241 &lt;211&gt; LENGTH: 5

242 &lt;212&gt; TYPE: PRT

243 &lt;213&gt; ORGANISM: Artificial Sequence

245 &lt;220&gt; FEATURE:

246 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓

247 or peptidomimetics

249 &lt;400&gt; SEQUENCE: 15

250 Lys Leu Val Phe Phe

251 1 5

254 &lt;210&gt; SEQ ID NO: 16

255 &lt;211&gt; LENGTH: 6

256 &lt;212&gt; TYPE: PRT

257 &lt;213&gt; ORGANISM: Artificial Sequence

259 &lt;220&gt; FEATURE:

260 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓

261 or peptidomimetics

263 &lt;400&gt; SEQUENCE: 16

264 Lys Val Val Phe Phe Ala

265 1 5

268 &lt;210&gt; SEQ ID NO: 17

269 &lt;211&gt; LENGTH: 6

270 &lt;212&gt; TYPE: PRT

271 &lt;213&gt; ORGANISM: Artificial Sequence

273 &lt;220&gt; FEATURE:

274 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓

275 or peptidomimetics

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Input Set : A:\Nchem-11.app

Output Set: N:\CRF3\08092001\I724842.raw

277 <220> FEATURE:  
278 <221> NAME/KEY: MOD\_RES  
279 <222> LOCATION: (6)  
280 <223> OTHER INFORMATION: AMIDATION  
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283 Lys Ile Val Phe Phe Ala  
284 1 5  
287 <210> SEQ ID NO: 18  
288 <211> LENGTH: 6  
289 <212> TYPE: PRT  
290 <213> ORGANISM: Artificial Sequence  
292 <220> FEATURE:  
293 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓  
294 or peptidomimetics  
296 <220> FEATURE:  
297 <221> NAME/KEY: MOD\_RES  
298 <222> LOCATION: (6)  
299 <223> OTHER INFORMATION: AMIDATION  
301 <400> SEQUENCE: 18  
302 Lys Leu Val Phe Phe Ala  
303 1 5  
306 <210> SEQ ID NO: 19  
307 <211> LENGTH: 6  
308 <212> TYPE: PRT  
309 <213> ORGANISM: Artificial Sequence  
311 <220> FEATURE:  
312 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓  
313 or peptidomimetics  
315 <220> FEATURE:  
316 <221> NAME/KEY: MOD\_RES  
317 <222> LOCATION: (6)  
318 <223> OTHER INFORMATION: AMIDATION  
320 <400> SEQUENCE: 19  
321 Lys Phe Val Phe Phe Ala  
322 1 5  
325 <210> SEQ ID NO: 20  
326 <211> LENGTH: 6  
327 <212> TYPE: PRT  
328 <213> ORGANISM: Artificial Sequence  
330 <220> FEATURE:  
331 <223> OTHER INFORMATION: Description of Artificial Sequence: All D peptides ✓  
332 or peptidomimetics  
334 <220> FEATURE:  
335 <221> NAME/KEY: MOD\_RES  
336 <222> LOCATION: (6)  
337 <223> OTHER INFORMATION: AMIDATION  
339 <400> SEQUENCE: 20  
340 Ala Phe Phe Val Leu Lys  
341 1 5

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

## VERIFICATION SUMMARY

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Input Set : A:\Nchem-11.app

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L:950 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55  
L:969 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56  
L:988 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57  
L:1007 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58  
L:1026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59  
L:1045 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60  
L:1064 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61  
L:1083 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62  
L:1102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63